(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(54) Title: METHOD OF INTEGRATING AN APPLICATION IN A COMPUTERIZED SYSTEM
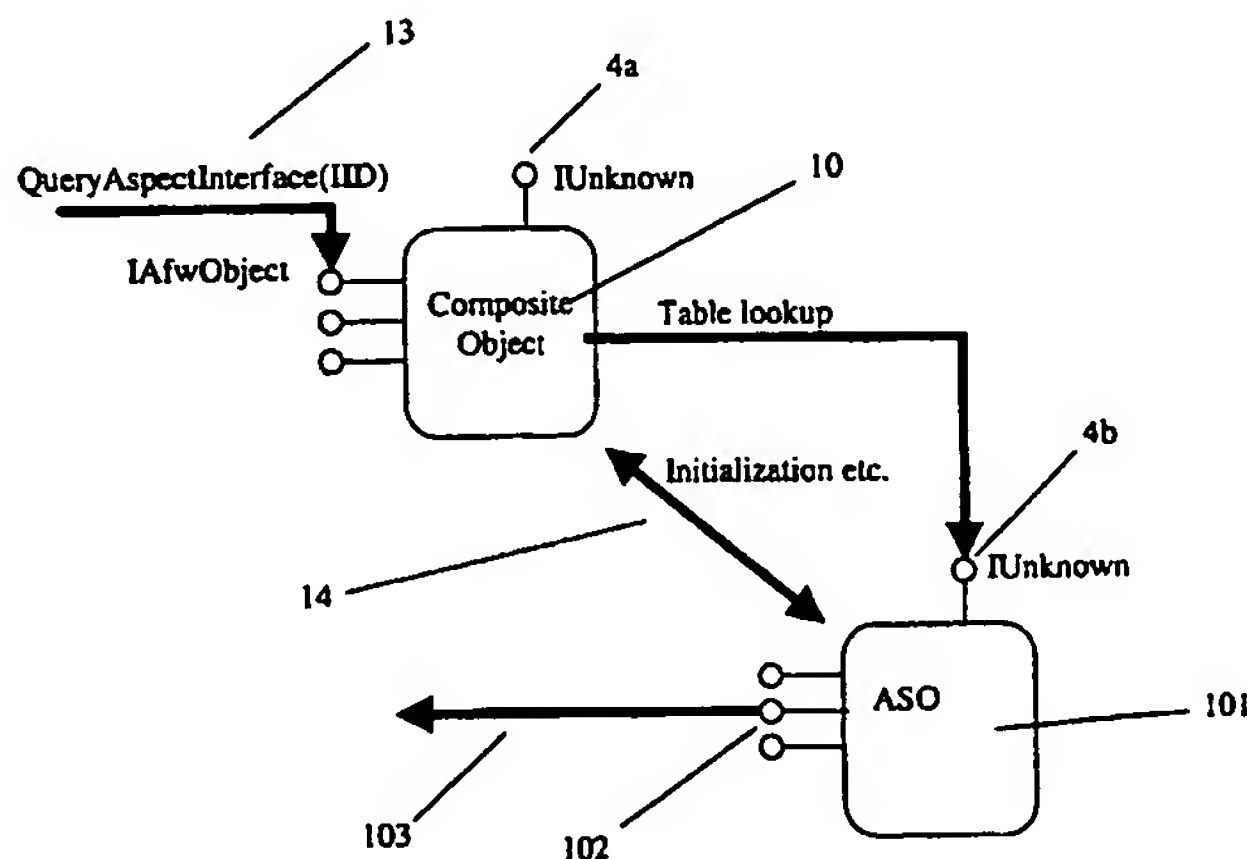
(57) Abstract: A method of integrating an application in a computerized system for representing a real world object, and a system employing the method. The real world object may be any object, device, process or item of equipment, including equipment in industrial or commercial installation or process, in any location. The real world object is represented as a first software object, called a Composite Object, in a part of a computer program. The invention also includes Aspects which represent the data and/or operations of a Composite Object. The Composite Object is a container holding at least one Aspect representing data for the real world object. The Composite Object includes an information leading to at least one interface for use by another object which interface is implemented by second software object called an Aspect System Object and accessed through an Object Request Broker, that complies, for example, with COM. The principal advantage of the method and system is that applications within the system do not require prior information about other objects or applications included in the system. Modular and simplified expansion of the system is enabled, together with the later integration of applications not specified at the time of designing the system.